



# California Regional Water Quality Control Board

## Los Angeles Region

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Gray Davis  
Governor

Winston H. Hickox  
Secretary for  
Environmental  
Protection

June 16, 2003

Mr. Troy Schulze, Environmental Specialist  
Skyworks Solutions, Inc.  
2427 W. Hillcrest Dr.  
Newbury Park, California 91320

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
CLAIM NO. 7002 2410 0006 3316 4517

Dear Mr. Schulze:

**GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – SKYWORKS SOLUTIONS, INC., 2427 WEST HILLCREST DRIVE, NEWBURY PARK, CALIFORNIA (SLIC FILE NO. 423, CI-8498)**

We have completed our review of your application for Waste Discharge Requirements to infiltrate treated groundwater from a pump-and-treat system into the shallow aquifer at the subject site.

Skyworks Solutions, Inc, (hereinafter Discharger) owns and operates a facility in the City of Newbury Park, California. This facility consists of two separate structures: Buildings 886 and 887.

Building 887 was constructed with a groundwater collection trench and de-watering system to prevent flooding of the basement area beneath the building. Volatile organic compounds (VOCs) have been detected in groundwater samples collected from the dewatering system. The VOCs detected include trichloroethylene (TCE), 1,1-dichloroethylene (DCE), Freon 113, and 1,1,1-trichloroethane (TCA). This contamination was believed to have originated from leaks from two concrete tanks located on the west side of the adjacent Building 886. The previous owner or lessee of the property reportedly used these tanks for temporary storage of chemical wastes. The tanks were approximately ten feet long, five to six feet wide, and six to eight feet deep. In 1984, the tanks were abandoned by filling with sand and capping with asphalt, under the direction of the Ventura County Environmental Health Department.

Since March 1988, the Discharger has been treating the groundwater collected by the de-watering system using granular activated carbon (GAC) units and discharging to a storm drain under a National Pollutant Discharge Elimination System (NPDES) permit. A NPDES permit was issued on March 1, 1988 (NPDES No. CA0060348, Board Order No. 88-29). This permit was renewed on June 10, 1996 (Board Order No. 96-048). However, the Discharger has elected to discharge the treated groundwater back to the aquifer by passive infiltration rather than discharging to surface water.

On September 9, 2002, the Discharge submitted a report of waste discharge (RoWD) for discharge of the treated groundwater to land, and also requested enrollment under the General Waste Discharge Requirement (WDR) Order No. R4-2002-0030. This General WDR Order requires an approved Remediation Action Plan (RAP).

**California Environmental Protection Agency**

\*\*\*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption\*\*\*  
\*\*\*For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>\*\*\*



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

In January 2003, the Discharger submitted for approval a proposed plan for modification of the RAP, which was prepared in 1988 by IT Corporation to remediate the soil and groundwater contamination at the site. In the proposed RAP modification, the Discharger proposes to treat the contaminated groundwater by passing it through two activated carbon canisters connected in series. Treated groundwater from the treatment system will be re-injected to a shallow groundwater zone (approximately 30 to 35 feet below ground surface) through an existing well-field.

The well field has an infiltration capacity of approximately 21,600 gallons per day and consists of four shallow zone recharging wells (R-1, R-2, R-3, and R-4) (refer to the attached figure: Location of Monitor Wells).

The well-field is currently being used as a recharge area to create a hydrological pressure ridge to prevent inorganic contaminant-laden groundwater originating at the adjacent Semtech facility from migrating toward the groundwater dewatering system at Building 887. Municipal water was previously used as the recharge water in the well field. The RAP modification was approved on February 11, 2003, by this Board staff.

Once this enrollment becomes effective, the Discharger intends to submit a termination request for the current NPDES permit. The Discharger intends to have a sanitary sewer connection available as a backup system in the event of a recharge well system failure.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Order No. R4-2002-0030, "General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites," adopted by this Regional Board on January 24, 2002.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series No. 015) and Monitoring and Reporting Program No. CI-8498.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of this enrollment (June 16, 2003) under Regional Board Order No. R4-2002-0030. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, include a reference to File No. CI-8498, which will assure that the reports are directed to the appropriate file and staff. Also, do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending a copy of Order No. R4-2002-0030 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

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Mr. Troy Schulze  
Skyworks Solutions, Inc.

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June 16, 2003

If you have any additional questions, please contact Mr. Orlando H. Gonzalez at (213) 620-2267.

Sincerely,

Dennis A. Dickerson  
Executive Officer

Enclosures:

1. Board Order No. R4-2002-0030
2. Monitoring and Reporting Program No. CI-8498
3. Standard Provisions applicable to Waste Discharge Requirements (addressee only)

cc: Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board  
Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board  
Mr. Kurt Souza, Cal. DHS, Region 5 - So Cal. Branch, Drinking Water Field Operation  
Mr. Doug Beach, Ventura County Environmental Health Division, Ventura County  
Mrs. Angelica Castaneda, LARWQCB -Well Investigation Program  
Mr. Kurst J. Blust, Haley & Aldrich, Inc.  
Mr. Jeff Nagler, WDR, Watermaster Central Basin  
Dr. Bruce Moury, WRD, Southern California Water Replenishment District  
Mr. Donald H. Nelson, Public Work Director, City of Thousand Oaks

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